

Report (Spring 2013)  
Academic Senate Grants Review Committee  
Ken Griggs, Chair

**Members:**

Dean Wendt, Interim Dean of Research  
Tony Garcia, Physics, College of Science and Mathematics  
Lauren Garner, Horticulture & Crop Science, College of Agriculture  
Dawn Neill, Social Sciences, College of Liberal Arts  
Julia Wu, Mechanical Engineering, College of Engineering  
Jeanine Scaramozzino, Library-Public Services  
Ken Griggs, Chair, Orfalea College of Business

**Staff Assistance**

Debbie Hart, Research and Industrial Relations

During the Spring term of 2013, the Academic Senate Grants Review Committee undertook the following-

1. During the Winter term, on Saturday, March 2<sup>nd</sup>, ten students and two alternates were chosen to represent CalPoly at the Twenty-Seventh Annual California State University Student Research Competition to be held May 10-11, 2013, at California State Polytechnic University, Pomona. CalPoly students performed well with the following results (from the President's memo of May 17<sup>th</sup>)-
    - Allee Macrorie and Bijan Ghaffari, undergraduate students in Chemistry and Biochemistry, received a first-place award in the Education category for their project, "NMR-Based Kinetic Experiments for Undergraduate Chemistry Laboratories." (Faculty adviser: Eric Kantorowski, Chemistry and Biochemistry)
    - Christopher Pattillo, an undergraduate student in Chemistry and Biochemistry, received a first-place award in the Undergraduate Physical and Mathematical Sciences category for his work, "Controlling Surface Energy and Wettability with a Light Responsive Linker System." (Faculty adviser: Philip Costanzo, Chemistry and Biochemistry)
    - Dahlia Ningrum, a graduate student in Polymers and Coatings, received a second-place award in the Graduate Physical and Mathematical Sciences category for her work, "Re-healable Coatings Based Upon Thermally Responsive Linkages." (Faculty adviser: Philip Costanzo, Chemistry and Biochemistry)
    - Rachel Gohres, a graduate student in Biomedical Engineering, took second place in the Graduate Health, Nutrition, and Clinical Sciences category for her research work, "Analysis of Protein Coatings and Endothelial Cell Adhesion in a Tissue Engineered Blood Vessel Mimic." (Faculty adviser: Kristen Cardinal, Biomedical Engineering)
    - Josh Cutts, an undergraduate student in Biomedical Engineering, received a second-place award in the Undergraduate Health, Nutrition and Clinical Sciences category for his work, "Functional Vasodilation is Impaired in Arterialized Capillaries in the Spinotrapezius." (Faculty adviser: Trevor Cardinal, Biomedical Engineering)
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The other Cal Poly participants were:

<b>Student name(s)</b>	<b>Department</b>	<b>Adviser</b>	<b>Category</b>
Michael Garland	Biological Sciences/Center for Coastal Marine Sciences	Lars Tomanek	Graduate Biological and Agricultural Sciences
R. Devlin Cronin	Computer Science	Foadad Khosmood	Graduate Engineering and Computer Science

2. The Committee did not conduct a State Faculty Support Grant review in the Spring Term as has been the case in past years for reasons described in the Committee's Winter (2013) report-

*Given the variability of funding for the State Faculty Support Grant (SFSG) in the last few years, the Committee decided to change the scheduling of advertising, proposal acceptance, review, and final decision. In the past, the State Faculty Support Grant cycle began with advertising and proposal acceptance in the Fall term and review and final decision in the Winter term with actual funding arriving from the Chancellor's Office sometime in the summer or the fall (roughly 3 to 6 months after the decision). Thus, the SFSG process occurred in advance of funding. In the past, this was a relative certainty.*

*In recent years, for budgetary reasons, funding was not forthcoming and awardees could only be notified of this fact during the Fall term after a "contingent on funding" award had been issued. The Committee determined that a revised schedule for the SFSG process was in order to avoid further complication and disappointment. In the future, advertising and proposal acceptance will only occur when funding is certain. Most likely this would occur in the Fall term and the review and final decision would occur during the Winter term.*